Aviation Jevs Megraw-Hill Publishing COMPANY, INC. JARUARY 1, 1945



New Butterfly Tail Beechcraft: This experimental airplane is a modified AT-10 Beechcraft plymood transitional trainer which operates without either horizontal or vertical tail surfaces and a flying test unit for various advanced ideas.

Russians Negotiating for U. S. Commercial Planes

Schedule Increases Stress Heavy Bombers, Fighters 1945 production figures raised by 2,617 aircraft to 78,227, Krug discloses; some new types play important role in revisions. Page 24

Aviation Faces Crucial Problem In 44 Legislatures

Vast muddle of overlapping and conflicting state and federal regulations possible unless some uniformity of measures can be achieved......Page 14

Predict \$270 Million Annual Outlay on Ports, Planes



within a "Small Airport" Budget

Hitched to the back of a small car, a icen or a light truck, the Kidde Tesiler unit can be whirsed to a crash in a few

econds...all ready for action. Emissed with a six-mit battery—bay-100 lbs, of fire-choking rarbon dioxide gas—ples four portable Kidde extiagnishers, a hose reel free-febring Trailer is a two-wheeled feedepartment packing a terrific wallon. Furthermore, its low cost will fit the hudget of even the smallest post-war

So, if you are obsessing to build a new aleport, or intend moderating, and you want full fire protection at low cost, you will want to know more about the new Kidde Truiler, Write for detailed inforTHE AVIATION NEWS

Washington Observer

CAPTEAL OUTLOOK-Game is the talk of slen and the War Production Board is operating on the theory that the war in Europe will raon indefinitely. Indicative of the Washington view and at the reserved is that new abouts which can not better to readner critical war craft production has been increased between four and five per cent in the past week. This and dan change in the military situation.

MORE TO COME. The entire up of war prostuction in 1945 which seemed almost a cerfor the time being in view of the demands of

der closing race tracks is understood to be mast directly related to the manpewer problems of the West Coast alreralt industry, WPS Chairman Krur is understood to have discussed the race truck ande on his recent trin to the West Casst, but came away without any specific recemergedations from the industry. However, when he discussed the counties back it Wash-

ington, it was decided that the action would tightening up on the war production program

the War Production Board indicate that agreeaft to the stemesican demands by the military

are beganning to be reported again, sheets and castings leading the list thus for Just how termined by production officials in Washington, but it is being watched closely. Primary metal to seed to be in named samply, but marriagesers in several instances have wared Washington for assistance in cetting their seders placed with aluminum fabricators so that military orden can be filled. With the Army and Navy both percent their already reasirements. WPB expects increming pressure on labricated

SUBPLUS PLANES ABROAD-A termendoug backstare bettle is some on in Washington





AVIATION NEWS + Joseph 1 1945



THE MANUFACTURES OF PERMANDIT MASSIFF STRAME THAT

AVIATION NEWS THE STAFF

Takington and Hanney Offices

Advectisers Index

Washington Observer

arrery. The discussions informed sources say,

DESADVANTAGES..... Boodling of version by civiling assertes brings discount closer to the interests of the people, permits clear public scrating of motives behind officestions. Civilian groups in the government feel that some military charitains are too ambitious. It is all part of a conflict that has been going on behind the scenes in the production field.

PLANE ALLOCATIONS-Surplus is defisafely becoming a lever in the implementation forcign autimes was beld up until the State De-Chicago conference. On the other side of the known to be in serious need of transport planes have not applied for them, and the State Departracet is probling them to get these allocation applications in, thereby avoiding eny

charges of blotant favorteen. The nation is on a remularization hast 'to those contrue which recovered, as we do, the right of friendly intercourse to others." The loophole

combat planes are assigned fareign nations con be vital to the continued existence of these countries. That is why the outcome of the behindthe-scenes conflict is so important, not only to this country, but to the weeld.

ACCENTS INTERESTED—One thing that is playing a ker factor in the new calculations of traverage companies is the flood of incurrent from owners and brokers laying their post-war rives. Refere the war, some 2,500 agents wrote res form or another of aviation fragrence, more then half of them actively. The post-war comnutrition will be considerably more, and instaronce communities are trying to statute the market.

a Dollar value of agreeaft and

of the year's end were for

has guit rate will full sharply as the rough of the • Sofety second for agreedt reductry is claimed by bears, has waried 2.00.461 membeurs, 252 cmb Revised edition of Burer's Guide for Surples

at low point not only for 2944 but all of 1945. Now Alligon is scheduled to ship 35 per cent more engues in December, 1945, than it delivered lest month and even this is far from peak of new proarcraft have their eyes on a West Coast market

Bust efter commercial production our begon. Reperis are that some West Coast money is ready to back Koriera ulure makers in Western sales Production of awatem produce has decreased evenue the amount of rubbur rectared to be proh Arrest tires are a substantial proportion of the

those manufacturing divisions radiale asystemeof 2944, an appresse of more than 68 percent over to reflect by 20 million by more than 1963 and A Cortus, Wright is elevered to merute at least two definite to build the commercial Commando-the CW-20E-or St. Long.

indications are that activity will be intunated and ention and was actually for about of its temp-

New Lend-Lease Protocol Upsets Soviet Bid for Latest Transports

Russians reported negotiating with several companies for new

model U. S. passenger and cargo planes under three tensative

The populations, secondary to with the reports that the Bussians through Amiong, not the Soviet non in Washington, Russians re-

preposals, tentstreely breached with U. S. firms, which fall into Distract purchase by Bussia of and carry. American firms were

one the dearn for their producplants in Bassis by the American

The Business are said to have made these overtures in a more or less official way to Douglas, Lockbeed, Boeing and Consolidated Voltee, Both Douglas and Conrelated but tack extensive

doubtedly will be made New Corsairs Used For Carrier Duty help set up succraft plants and New versions of the Chapter ernment officials in Washington in-

been used charfly as a land-based The model to return to carrie duty will be the FtU-ID, which characteristics than its predaceswas set up in 1941 to handle Lendson, and which incorporates other changes that add to its overall New York which handled all Sta-

be entirely liquidated. That, how-

vist commercial transactions in the | One of Fastest Fighters-The Corner is one of the feature lighters in the world, nowwood with a Wasp engine. Several of them, four by Marine rilets massed and that by June 30, when the breaking the cross-country record

tires, their purchasing mission will of weather conditions at the ter-

ROCKETS ON WINGS OF MARINE CORSAIR They were whose shower the workers efficied to the usings of a Marine to Russia in the moddle thirties to

With the proportioners of soil and the might of a storm, Wright engines supply pre-resistent power circly in the boundless seems of the oir CYCLONES and WHIREWINDS Park Thair West Aircraft Engines WINDER ARROHAUTERS CONFORM TOP CUTIES WEIGHT CONTRIBUTION

ATIATION NEWS . Jones 1, 1945

Carpairs for the past year, while in ers carrying 2,000 pounds of bombs.

fighters, and presumably are General Meters Corn William B. Unaversity, Paul Stafford, Cred Carroll to Address SAE at Detroit Rell Aircraft president to be Motors Com : William Luthewood

Medal for 1966 or Jan. 10 meesharles Fraesch, chief engineer ject of Brig. Gen. Franklin O. Synchasters will be greented larrow. chief of engineering. Air Technical Service Command, cenft for Local Air Transport Ser-Wright Field, principal speaker at vice: Alepart Design, Cockpet Engineering; and Aircraft Engine Detauation Indicators Other paday night, Jan. 10, in Detroit, pers will include discussors of Lawrence D. Bell, possident of Bell Aircraft Corp., Buffalo, will be awarded the Daniel Gangen-International Adversit Airwaythus Witson, vice-shairmen of United of Believeter Demon, Arm-Kon-

regar Factors in Specific Aircraft The figurer program will be held Desirn. Turbine Composeding



Workers in Chevrolet Dinisian of General Motors putting the freinkens m 1942 and began work on the

Industrian Systems, Electronic PAVISTING Tanker-Speakers on came include L. Welch Porus.

C-W Louisville Plant To Modify B-29's

Assembly work on C-55 Comby with conversion accorner. Pacifities of Curtise-Wright's Borne B-39 modification renewer reends sincettoneously with the The plant has been used for final assembly of Cattle from rea-

at the Curton-Wright St. Louis With the B-29 program starting immediately, it will be worked mends contract in mid-1945 will absorb the entire facilities. Any excess production from the St.

in connection with the five-day with the Parion Engine, Electronic + Wan't Affect Production-The changes will not affect production programs of either the St. Louis or the Buffalo plant, and final anunder present plane at \$5 Louis until commercial CW-51E renduc-

Operating americane should make it possible to consolidate all of the 1,500 foot long production production area for strengts-line G. J. Brandowiede, conseral manville, said Advacent Staviford

to expedite the work on the 25-25's.

The Louisville plant was erected

een four manths after breaksag ground. The Cornten process service of the C-45's. At the same combor, 1943. It has been meeting

Study New Engine Parts Control Order

Already manufacturers affected although WPE officials are reported appropriate excition to exchade producers of plane power plant.

officials both in Washington and in programs, may affect all engine

paring a clarifying regulation or revision to exclude accoraft en-The order creates the position of Special Assistant to WPB's Opera-

The corms parts control cross-

trel Committee, which includes The responsibilities of the en-Army, Navy, Office of Deferre Transportation and WPS repre-

CAMERA CARRYING MUSTANG Post of the abott-recoveries were Mustace are in the tril section, built

Office representation

terner, to allocate or not made a time has not decaded to sok for Restrictions Eased

On Civilian Flying action as it (the WPB) deems nec-Passer of wastime restrictions enery with respect to ordering. on cavilian flying recently effected Observers in Washington noted with the order that tended to give * Washing requirement for mainte-

leaving servedt in maperative condition when unguarded from WPR's superretion division. Diminifing requirement that and has been given to the special planes land only of formally desigan advisory committee which inly for fields at which plane will * WPB's scheduling orders ordisamly are written with sircraft are completely controlled by them own ashedsland order. The new

Restrictions still in effort ink Special Assistant Named-Robert \$2n Eastern and Western Vital

) In convested areas, and particustrong does not receive flight closemottee, but this division at this

order from a new or an old eas-AVIATION NEWS . Jonate L 1945

Contract Settlement Act Generally OK

No changes expected by new Conaress beyond some supplemental legislarico se provide reconversion loses for small manufacture

more adequate financial assistance tury Affairs committee says eareful inquiry has falled, as yet, to Congress is expected to take Canada Freight Line infectory legislative foundation Gets 20 Strangages

The surcraft undestry generally Surplemental Legislation — The

Jan. 1-Hairmal Arresalt Standards Commitint ACCL Winters Sweden mering Hillywas Knickelbecker Estel, Edia word, Calif Jun 5-8-Carlety Fight Testing Technique meeting, Knitherbecker State, Lot Av. mering, Rodenbelear Back, Lee AuBert Lee Weitzele Alemah Standards Genment and Artis, Standards GenBellymond Kartis, Standards GenBellymond Standardschaft Bert Standardschaft
Jan. 1 1—22 Standardschaft Bert Standardschaft
Jan. 2 Standardschaft Bert Standardschaft
Jan. 2 Standardschaft Standards Genmitter, Artis, Bertel Genet Standardschaft
Jan. 2 Standardschaft Bertel Standardschaft
Jan. 2 Standardschaft Bertel Standardschaft
Jan. 2 Standardschaft

Jun 19-40-Tempor Technical Committee mon-ing State Leadington, New York Jun, 20-40-Temporal Advance, Stateshade Comthese soles shown that 155 Fleet Freighter went to Cia, Babbon, Brist, Chicago, El Meteorological Society, author) specific Meteorological Society, author) specific Meteorological Society, No. 38 Meteorological Accordance Association success Section Prince Prince Meteorological Section Section (Section Prince Meteorological Section (Section Prince Prince Prince Meteorological Section (Section Prince P of Chas H. Babb & Co. DONer Sales-The remaining aircraft of the first but sale were COMMENS One Fleet Frescher Pet. John-AEC-CAA-CAE Ass Carrier Per. formance moving, Statler Rope, Washrador Mining & Eculoration Co. bremane assising legaler Robit. Basis-paries and the second of the second of special description for a second of the second of Gramman Goose amphilism was One Reechcust 11D and one Lock-

lution is mended to cover the vitraturers whose fundamental need and verification problems involved was sold to Faurchald Armal Sur-In one transaction, they would others siteron financing on ter-

used on cassial parrol work.

ways Ltd., Canada, for flying Smaller War Plants Corp as not authorised to make reconvention Duramold Shifted

The life of the corporation evpures July 1, 1945, and the new To Jamestown, N. Y. A projected move of Ducarette

Impertuges NY to a clast far-Surplus flying bosts, made be-Canadian Vickers Ltd., had been Corp. J. Carlton Ward, Jr., president of Ferchod, said the company Comeda hos sold 20 Stranger firing boots made by Cornelian

City plants and move the equip-Victors Ltd., early in the war, to W. C. Seple of Montreal for freighting and transportation rein-Vancouver. Win Assets Corp., occupied instead by Firestone Tire land Tiper Moth approach to Less and Bubber Co., for manufacture

'Copter Piers Urged A proposal calling for construction of two \$10,000,000 mem at

in a bill filed with the Mossachinnotic Legislature by Ren. Errore Human Pickup at Cruising Speed Found Practicable in ATSC Tests

up; expect to extend experiments to careo and fighers player. Harrier Pickus-lifting a burners reprort stress and responsed crotch strups give a winter fixing simpleme while the plane is fiving purt, a French type evish between concles with unbreakable lens. proved practicable in demanstra-Command at Wright Field and in mechanism should full be could Chroten County Air Rase, Ohio, the gut himself free and deep by rura. First man to be parked us. on Sept. 5, 1943, was First Laust. Alexas Doster, a paratrooper Office ers who have shared the excertience are: Staff Set. Harry C. Conway, Wright Field, Cost John

Peter Lee-Warner, of Great Bestafter the strial purlosp. However army medical authorities after a complete anyustigation reported The human pickup system has mble for the glider pickup system

In preliminary tests using a Stirrion Beliant packup plane were lifted from the ground In

trial peckups were made, on burndies, duranies and live sheep, beweak anatomy If the apparatus safe for bursans. The first sheer was strangled to death when the necleans on the other sheep, with no

Doster were a standard para-

corded, and ordinarily summer overvalls are regarded as sufficient System developed from All American's simuil and careo pickalone. An experienced cown may rig a C-64 in two hours, for perkup The AAF expects to continue the experiments using faster cargo planes, and eventually a fighter Engineering data indicate that

charte The pictorp functioned swame down basised the last to creased to 155 meh without serie ously affecting the subject, since ported that his only different was speed incinente a force of 7 G for a Pollowing the first human pickmade in the Wright Field tests festion of the harmous, to equip the An eye-witness reports that the



Photos Shaw Barran Pickers: Photos of the AAP's human nickup payters shore (above) Stoff Sor Harry Conson, ATSC eccuments laboratory techniques at Wright Field, Destay, Oliva, as the plane's toursee



and then the mechanism reals in his cope, and he is lifted into the

Lieutenant Benedict reports that ragre streamlined and flexible "The first time I picked up a

23 hour of Aviation News, in burner peckup in Darone was the

Airways Engineering Corp. is Formed

General manager for the new group, with offices at 1411 Pennton 4, D C. will be Henry M.

and arritant, Jack Kright, one-

ecutive; and Harry L. Ryan, Jr., of the legal firm of Whotefood,

New Drive Delays NAWPC Dissolution

increased production of critical ACCA Traffic Body

eral opinion that the Council discontinue it at this time would be bad public relations practice, if Production Problems-There are

still production problems planuant the industry, although not with liclord, has bobbed up again in Count industry has some serious housing problems Bithard Palmer, secretary of the National Council as alated to be-Cerro de Pisco Mirine Co. He

Plane Allowance Ask Share in Bases Lorislation designed to pro-There is a deficite disposition in

on official hummers, was massed are was introduced by Rep. Jenumen Hendelph (D. W.

Which williams commons have done or what will be done with

president of Republic Aviation Corp. Guy W. Vaughan, presi-

Elects New Officers

New officers of the truffe com-

eral charrant, succeeding F. C.

Hickey, of Cartins-Wright, Boffs-

lo: Elmer Dunn, of Bell, was

Donakue of Pratt & Whitney

calson committee, J. M. Hubert.

Love, Pederal Asseraft Ltd., Man-

the Cosadian Air Traffic Commit-

will be sought by members of the

munchen in fature discusses of • Election Accroved - Palmer's election as coverdent has been unmg rights all over the world."

CAF Headquarters

At Camp Springs A Continental Air Porces beadquarters, responsible for the air

ters revers operating elements

leaving it with the functions of enegativation will be staffed by per-

K. E. Benson Named Sales Engineer

son, chairman of the avaition comeventure since 1929 and is a onvate pilet, will visit various parts panies have been manufacturing

a new line of compact light-weight line of aircraft transmitters and receivers designed for small feeder

New Rules Bolster Hiring Regulations

ed to strengthen the Wor Many since they authorise the withdrawal or modification of more-

WMC can now make more exten-

Named to Ala Body aeronautical engineering departcolooss, and Robert O. Phils, head partment of Alabama Polytechnic Institute. Auburn, bave been resigned Boldover members of the commission are W. Hawten Brooks, Birmangham, charmons,

Trank W Hules, Decatur, and

in the cress nancile. Four 50 caliber gans will be installed in the open-

ings which can be seen in the revolving drain at the top after the main and resume production of crethen reachpeases is in place. AVIATION NEWS . Japaney L. 1945

mittee, in a maneuver to provide AVIATION NEWS * James v L 1965

DRIVATE FIVING

Aviation to Face Crucial Problem With Meeting of 44 Legislatures

Vast moddle of overlapping and conflicting state and faderal regulations possible unless some uniformity of mourney can

By ALEXANDER MOSURELY

hinges one of the most crucial whether it shall be regulated to an overlapping and conficting

tion, that is responsible for three proposed uniform state avertion scheduled fixing, or whether a unilaws which are the combined goodtion will be aghicured, consistent state amotion legislation, revised Seriousness of the effect of even, etcl and state avoiding groups, to five for introduction of the dia eval of the arrives which did not futual Law Bell in Concress your a year are. Main erand of the First homo City in 1941, was a cut-andaught chase endocument of the complete nicture.

scrap grow a new organization, the tion consistent with federal laws

Constitler, representing virtually

all interests in avestion except the

and would furthful the coming

h Three State Bills Supported... int rearly unsurrous endorseonly longed way out of an otherclude a state aeronyutex departments on approaches by strucminutes, empowers the state to rea Precowery the state to Disease

Two principal features of the

sid for airport construction or



SNYDER'S ACCESSORIES DISPLAY CASE A consider syncllation for displaying greation supplies, untramente

ADMA-NATA St. Lease meeting. The display of merchandur in ginorte of Servenir dove, solved as expected to now off in increased rabbic acceptance of printion, and in increased rules of parts and compressed. The suring act is the fifth per ploted, but mon to be afferful

Fearth in Preparation-The three laster of the Council of State

laws and a fourth pet we com- Governments

h These questions affective the · How large is the market for

Institute of Muserical Law Officers current, etc. all follow a broad main provings authorize subdivinatural objects, to protect apports used by the public, slimivision which had authorized a state-

coveral agreet occurred. The proaches, effective both for pub- development of these proposed he and for unvately-owned arr- lows are William Green, drauge sata: Max. Shelden B. Steers. feet specific pieces of property, director; Arthur Tully, Mannshall not apply to the regulation chanetts acronaulies director, and

AIRPLANE SALESROOM FOR ST. LOUIS:

Charles stroot, near St. Long. Complete planes will be direlated in shourcors tripdeur, and the estabforms thereastings and countraries will start as industrial also well include a party description to now as entering are anniable for the \$75.660 atrustors E W Westershield and Robert A Stanfordistrat occurred by an electronal occupiery operated by

AVIATION NEWS . January L. 1865

Ask Standardization Of Lightplane Parts

Granica urees manufacturers in cil so seedy advantages of pro- todaction of cost of nervanal air-

effected without the danger of sated in personal plane production. Joseph T. Gesting, Jr., chairof Commerce pecently peconslong to PAC that the sebest of standardization he owen most serv-

h Millitary Party Streetspfineddo with military equipment for nass propellers, components and

a sub-committee under the NASC to devote its attention entirely to and Taylocoraft committee weeld follow the oper-NASC, of designature undividual compenses to appressingle partiesparty to originate a project and

found that proposed subjects of

before final corclasion-climinating a number of unimpersent or

which Avery New ster feetings | New Correlator Surrented -

With a return to commercial ten members of the council, who

business, Gesting points out, the use not now members of the NASC constant and it is emential to the meeting held to determine what

PAC member companies now holding memberships in the NASC executive board it was agreed that Fairchild, Floristings, G. & A. Alrtraft, Intergrate, Kellett Lockheed. PAC members not now belefing membership in NASC Include eral Girbs Leasurebe Messey

Gas Allotments Cur.

of aircraft, borneroway, speed and equipment sought in manufacourer's study of post-war de-Reduction at size of aveation Unyoned manificance situdies to

customers, with widely varying re-

Plane Survey Asks

AOPA Preferences

h Four Plane Types Listed-The

tabulation, letts four types of hers to state what additional \$5 mph , operating cost \$7 per

►A two-place side-by-side, allmetal plane, retractable landing rear, 50 hp engine, price \$1,000. Survey on eviation issurance AVIATION NEWS . Jenusy L 1945

actually used only \$50 miless in

Members' choice of four type FLYING MISSIONARY: The Ben Faul C Hartford

> represent of Marrier His emergences districtful Indiana. He morbed territory in a few movator of by feet or pack-burre, the only

problem speed 130 mph.; operating * Cross-country family type plane nius bacemee and 60 millers of fuel, conventional fixed landing war, radio options), price \$3,000. PThree-place amphibion, all-

150 mph, operating cost \$13. milade depreciation, manager, hanger restal and direct operating Survey on instruments sake

a few weeks, as soon as answers are in and results cornelled

Instructor Rating Held by Pilot, 18

Instructors at Embry-Rubble School of Avention, Marri, Fla. believe Phil C. Gallagher, 18, 19 frees. While still in high school

Has 300 Beers-He new has more than 200 hours in the nir. but heense. He took his first 102 hours him to work and fly unless he



Interior of Republic fear-volume Amphibian, expected to retail for



HAWTHORNE OFFICIALS Officials of Hausthorne Flight Organizations, one of

grendent: Joseph J. Mitchmer, Mougherne Armens monager, front row, Ralph C. Crocker, strengther N. C. Jane manager, William D. Strobeneser, mobile A Ingle, innurance consultant; Educard N Room, monaper, and Claude Rinchardt, Columbia Stiple

maintained a 'B' average in his

flight instructor, in daylight hours, PT-19 Workers Ger Chance to Fly One

Employees of Fairchild Aircraft Dryman at Hagerstown, Md. are and turned out over \$,000 of these can't recently bought a surplus PT- on four russays 19 from the Defense Plant Corp. + Credit Change John W. Lasster,

Firms time may be purchased at cost by all Fairchild. Army or great service personnel regularly staand provides matrustors. The plan condited to his company. Robert and has been received extinance. largely responsible for the de-



Col Boscoe Turner, Indianapalu, was resisted president of National Arrateca Trades Association at the St. Louis meeting. Officers and de-F. C. Anderson, Dec Monney, Jown, Mer. Anderson, Silensburg, Wash

For Private Pivers and Non-Scheduled Avhiclon.

Development of a compact cabi- uses thermo-couples in the glater's not containing the equipment not- wingting to indicate on a dual to county to determine the brightness the cocking, which to is someoner of an sirport, is armounced by plane in that direction to seek an Westerghouse Different light intenuties are required for low visit. > Skin Added-Two flight operators believ, riggle and dark night, and intensity, L 3, 10, 30 and 100 uers cent of full intensity. The cubmet

president of Looster Kauffrager neds the Souring Society of development of the 'Thermal

tion of interest in private flying ing improvements of the device and study in possibilities of other

sume job-aid a glider priot in stuffer, as previously reported,

Wayne, recently added skis to their fight equipment, for the first time, after a 10-meh blanket of mow prevented use of their transar planes with conventional FCanada's Air Cadets-Plans to continue the Air Cadet League of Carada formed at a warting receiver of pecraits for the Royal Canadian Air Force, in pracetime have been empermed. Arrange, school age, to receive dual flight instruction in the final stages of shops in flight and aircraft trades

for eadets, are bean made Post. 21,000 nembers Statuties on Demonstrative -

Lambert-St Louis surport director of the recent avenue descenter. tion. The one-way strip, 1,550 feet by 350 feet, with 35,30 feet

onstration was postponed for four one with real utility, will not be forthermine until American inweather hurshoo - A. Mas.

FOR MORE PREDUENT AND PASTER SERVICE As part of a \$25,000,000 decrease and recovered testsport, the Community with

corntage does on fights up to 500 rates







Berner Platible Tehrog, meant-bettered is many deteration from a seed watery of search, is used as verification and abstern dealers at a note surfect or seatch, in seatch as verification and abstern dealers in schoolstal, serverly, marrier and autonotive applications. The same bears those, with the defibility of a braided movied neutrino, becomes Plational/plt shielding conduit, used extendibly for additing inpulsion systems and any electrical climat in Johann Approxision made communication.

Mentalization from a confusional related of metal, Excess Platible



sary end-fittings for any conduct metallation

ary different types of services posterifier—plant sectors and selected—are evoluted to seek sectoring on reprisement. A law of these are clustered below.



THE AIR WAR

COMMENTARY

New Jap Fighter, Bomber Models To Make First Appearance in 1945

bound year Japanese firlders and

AMurcher's Delegan - On the

other hand Marcher's statement

Reduction of American technical advantage in aviation over Nipponese to be increasingly important factor as pace of Paofic war is stepped up this year.

a the war autisti Jepon fatts assument to apply to the many

of the engalithtees of the Unselvee lengeral Air Force (Army) and Naval Air Service (Army) and Naval Air Service becomes of the highest propertures. Air Power specified the hightest conquests of 1843, and air power will put up its sprice, bactles as the field in brought close to the mach power of the properture. Progress—Rykian—Jupius.

A comparant of recent state—

meets by thee Nevel suitorities is all of universe on the peed. Peer of all, Secretary Percessil week of all, Secretary Percessil week outlies the kas statement of list surpase ("we do not now have as yeast icchamical divintings over the enemy as a year ago.") by myring that we now have only a "hight technical supervanty" over Japanece aurorat.

cellent range). It is herely bloody that the Admiral y recognition for the term of the ter

"Miller Way," one of the faster

New Fighters and the B-M*the new Jap Egithers, both James and Nasy design, are beginning to give the Superformance in Section of the nash feet their moony by neithful speak plants: Easter with, practing of the passes. As in the case of the way create fighter energy the probably laive to be developed. It is not easily to depressible while effect the B-29 stateshees with a surrent and engine factories with

aurrant and engine factories will have on the shirty of the enemy to replace current airrand with the new and succoved models, but can be succeeded to the succ

ANTARION NAME & Louise 1 II



"Flying Horsepower" is a great new tool in the hands of air-

craft designers, builders and operators. Today, this new super fuel power is increasing the range, loadcarrying capacity, and maneuverability of powerful U.S. fighters and super bombers. Tomorrow, designers can translate this same nower into greater passenger and cargo loads, flown more miles, at less cost

"Flving Horsepower" is the result of 11 years' research in catalytic cracking and multiple developments, climaxed by the famous TCC Process and Magic Bead Catalyst.

It represents the greatest catalytic cracking program in the

ment, \$2,000,000 in research during the past two years alone.

"Flying Horsepower" is your fuel of the future, here today. 26 Broadway, New York S. N. Y., and Affiliates: Magnoint Petroleum Co., General Petroleum Companion of Caldisses

HELPS WITH INGINES CLEAN



PRODUCTION

Plane Schedule Increases Stress Heavy Bombers, Navy Fighters

1945 production figures raised by 2.617 arreraft to 78.227. Krug discloses: some new types play important role in

revisions Assert mentartion schedules that because of the charge in

time. Bear Admiral Dewitt C. effect of endually reduces the

several months of leveling off, with and because we are return closer types figuring prominently in the pred more Schiers to cope with Before these developments it reised by 2,627 planes to 70,227 for bad appeared that recent revisions the year secreting to J. A. Krus, of military account mediation WPB chermen At the same schedules would have the double

New Phase in Pacific-He com- schedules in total, which ignore



B-29 CENTER WING SECTION FITTED TO FUSELAGE

of 1985 and an assense of \$112 billion per month in the third Germany would be defeated

month though 1945, regardless of

30-Place 'Copter Predicted with JP

Jet propulsion will permit the

duced in the immediate reni-serv

L. M. Horner, president of >100 Used by AAF-Col Frank

AVIATION NEWS . January 1, 1945



resoner solling. In the same manner, to properly shock-mount air home radio or electronic equipment idso calls for individual treatment. A custom built shock mount must be used if effective operation is expected.

Robinson enganeers have developed a new method of vibration control based on the exclusive double neutral axis principal.

Every new problem of vibration control submitted to Robinson neered structure is built. With each structure there is a guarantee that owe 50% of all vibration throughout the entire operating rance of the signals will be absorbed. More than 75,000

Robinson built Vibrashovk Suspensions of various ranes are now Makes and ours of electronic and radio equations, flight matruments, and in fact, any authorne equipment that is subject to shock and vibration, are invited to submit their problems to

Robinson engagers. ROBINSON AVIATION, INC.

720 Nith Assesse, New York 19, N X



New IP Engine

Beech Test Plane

Uses V-Type Tail Experimental craft is modified

AT-15; pulors report design has An experimental arretine with-The sirplane is a modified AT-



experimental surplane which has neither horizontal nor vertical task syr-



helicenter appliaged on an amorn- 19 Beechcraft plywood transitional Skuplified Structure-Booch of-

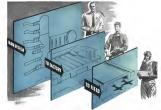
Nosh-Kelvinster, and his com- ing this experimental used was to belicopter field when military emplified structure, elimination or orderton of compressibility of-

New Unit Controls Cabin Temperature Minnespolis-Honeywell develops electronic pegalister system for

use on sirings as well as on Disclosure of a new electronic

made by Munnespale-Hancywell ature selected by the priot. The system is completely nutamatic > Amorratic - Connected to the

gateer for the company's Acco-AVIATION NEWS . January L 1865



RYAN ENGINEERING SKILL IS ALWAYS AT YOUR SERVICE

Today the sircraft engine exhaust Manifold is a highly complex and exacting system requiring a passece. It was foremost in making the design

lettes to a minimum. But repartitess of the muncompos with all nebuical renducts, arturns knowledge of their functions and canabilities is

To afford encomers opportunity to get the full same dence for perfective in operation as their







DESIGNERS AND BUILDIES OF COMBATANT TYPE AIRPEANES AND EXHAUST MANIFOLD SYSTEMS



The Louis Core Navagation Sugar smallester the Sheld obser-



LINE MANUFACTURENC COMPANY, LTD., Garageous, Ontario, Conside

and incendiary bombs. nose" after fiving from Chinese bases, well over 1,600

also vacred, decreatively. All the American clanes paymention. Such missions, which involve exacting

Aviation Devices, Inc.

ENGRAPHON, NEW YORK, B. S. A.

have some 1886 of the Jaconese Jespeval Navy, was radely sharmed July 7, 1966. At thick on that day, there raddenly appeared in the sky above Sarelys a strong formation of American bombers From each

poshlears of exvigation, are well subcarsed long be-

side air late the place's heaters b Operation Service as the brains of the system the takes learn from

The system also includes a the same function as a therms stat in a house. This too interpetting orgulars from both coals. noutions the mixing damper to

recording the relected stands terri-War Dept. Reviews Pricing Policies Procedures of prime and subcon-

view to brancing prices of war spoch in line with costs. War Department through which

War noods manufacturers whose hive to set closer praces and the exercing screen of a new com-Friee Analysis-Col Fred C the program extends a thorough analyze of price to seem kinds of high in the part He added that community which

sured to the same office for commeet are saled to meet with a pricing discussions. The teams can subcontract prices, and to some with the result that the contractor other prices that have been too need negotiate pricing policies only higher rate of profit in statutory too, may request immediate selectional requirements are reached. renegotiation and that close prices toon by the offices to which they



RECONNAISSANCE CAMERA Arrial shotocraphic recognitizance, which has played a major role in the Builted Nations' successes of World Wor II, has been creatly sided oblives relativerable proceding closury details for photo exterpression, are also a factor in retaining con- are assigned for statistical retracts when a production program negotiation

McNort Cites Need out, favor close-pricing policies in fount economyteen which will be

For 6,200 Workers

nircenit industry "supercritical." FUsed By 63 Offices-Developed gun lost March, the Company Proing Program is new in operation in offices, which already have completed priems policy discussions mumon following a survey coverwith more than 300 companies During 1943, the program will con-

trape on a consponentive basis Every company sourced to a War 60 days in plants with name A.B.-25 Plant Name | 196-Amoust aircraft plants, 1,300 workers are

necded framediately in Seattle for and about 2,000 more by the first of the year, In Baltimore, 2,000 saddisonal surgraft workers will be peeded, mostly at The Glenn L. without writing for routine selec- Martin plant, before peak ergologsecondary to WMC estimates.

PERSONNEL.



Gen. Hobert Johnson, who was then

John E. Grakew, formerly travelent care Gorden Wood, who has been

came associated with PCA as execu- Chrystone Richard E. Gould, manager of the War Products Treasur Service de-

Frightier, succeeds the late Charles Just T. Bulton has been appointed

eastern distinct manager for the tion Corp in Beltimore Dal-

eastern sales manager for Crustey



RECORD WINNERS RECOGNIZED:

G. B Barlow has been appointed



Burkey became officiated with the company in 1905 as supervi war-Lloyd L Beldon, who has been with

B (Mal) Erreburg chief relat for two years, who recently recent, Charm. Milwarker, the Two Otten and the Prouse Northwest. Both m-

Harriso A. Harris (photo), of the

State joining

Due. O. Beuson, who has directed



AVIATION NEWS . January 1, 1845

national recognition in 1939 when Farest S. Perkins (wheter), farenerly

craft and enight divines. Confin with Dade Drydeck Corp., so on sinn James H. Charles A. Boilled, associated with

noneters at the Minut beauty to the New Orleans dyenson, where he west Airlines newly - created position of redepartment Wintsker has been inplaced by Eugene W. Newman, inmanager, with degreed engageer with Convey of the Sun Depty Daywon for three loined Pan American Airways in 1995, was sosociated with the company 11 years, Bestrass H. Oupood has been appenticd supervisor of the plant lay-

Cal. Fabius L. Pratt, 56, Air Sereven of the Fourth Av Pours and and as soles transacter. In 1940, he period American Audities, shortly to bold a palor's rating, died in Sun Francisco of a beart numb. Col. American Airlines de Mexico, S.A. Gee. Bon Profit, who was killed

Col. James W. Gerr, recently transtriefle menuger for Chicago and Little, Col. Echert W. Sunfact

is, c. william, In. has been named G. R. Gordon, formerly reneral sucreation George C Ford, now works mornigar Wilking joined Copyers at

Col John B. Patrick, Immerir in-Local Col. Marrier J. Joyce, comsucceeding Co. E. P. Tone, Previous ounty Colonel Petrock has been aset the Los Anneles office, register Lieut. Col. Howard W. Angus, who

Col. Joseph C. Moore, former com-

B. W. Cardwell, a veteran of 22 rebever Brig. Gor. Ralph A. Snavely

The Assess Corp. The range con Licut. Occ. Millard F. Barman, New-

lished Air Transport Division of

y proceeded commander of the Ocean Areas, has manned four officers mend will above the organization new headed by Mai, Gen. Wiffin H. Hale, communities of Amerali Par Gen. Trasson H. Landen, command out general of the Sewath Ar-Force Bornher Changagal, will take a Armold Cel Lawrence J. Care. chorf of staff to Greevel Hale well survey General Landon as conor group Cook William V. Davis Jr. USN. formerly deputy shad o

Newton V. Turney, formerly plant

Maj. Gen. Rebert W. Dongton, Jr.

AVIATION NEWS . James 1, 1991

has been branchered to Westween.

by the death of Frenk N Assec-

FINANCIAL

Survey Predicts Annual Outlay

Of \$270 Million on Ports, Planes General of N. J. Gets Twentieth Century Fund, in analysis of transportation and Shyfarer Division equipment construction for period 1946-60, forecasts \$70 mil lion yearly will be spent on sirvers and sirriclds and \$200 mil-Jersey has equesticed its occurlion on passenger and cargo aircraft equipment.

Average capital outlay for transportation construction and treated at \$5,000 million, with power plants and unharing names. ing \$2,250 million and equipment outlant \$2,770 million, according by Twentieth Century Fund-Of this against average outlay,

comprised at \$200 million. Engly-set alguera Sirregy and alguera Waterways and auctors that after four years of intensive activity in highway and airport Print-Prints and Prints war will be over by the end of Endward ours and house tiens Danis ander rebition Leveling Off-"By 1969," accordstipped and books street expenditures will have Drend Total - Company Stee and Europeant States to No reprose figure no evaluate for sus-military and transmillary not-military stady Military and non-military state-filiage symbols totaled DIII wellow for algorith and field militar for object and

Firm Changes Name Stockholders of Average Arress. pories Corp. have voted to change leavel "Much of the Politogn safety of flying, reduce the de-

They will probably also retain a

going to and from the airport "

craft Corp. of Delewace, end the

quired the Delaware company's

General Aircraft of Delaware

Aircraft, which has been a sub-

and Navy prime contractors in

also cardings in war work Kither

social plane Pastiguer madel Slove

MacMary Skyromen-The new-way

ing Co of LeMars, lows The Le-

Mace company purchased the

forer G1-89 from Grand Rapols

Infratrice Grand Barule Mails

Skydarer rights from General

be provided at least for moderate distances, elthough much of this

"By 1960 the rathreads will no market as soon as materials are

considerably hother in 1950 than

further into red traffic, and as some of the heavy triffic making

of production, and the further

b Equipment Onther-On the other

The report anticipates that cepttal expenditures for bear transmond for both porlor car and nortation facilities, melading highsleeper facilities. Fast day cooch

treffic will shift to the sir.

WHAT DOES AMERICA WANT?

series, to state the urgant need for a clear declaration.

of American policy in world offers Within the post few weeks there has been a wakening

A declaration of American policy is needed, and it furtherance Errohatically, this does not mean that an modate its negrely national interests to a program that out be accepted as fairly paymenting the interests of all.

Americans have displayed a singular diffidence in the singular, in that it occitraris so sharply with our power This relationer stems partly from the inhouse difficulty. country like the Uncled States - so yout in area, so realwere unable to hold alord

That the consenic wellbeing and political security of

cedanes offer there, or an defense of interests that our

the world's population. But - our national meane, belake percentage of the world's munitions; we have 35 perpercent of the world's copper, and Ti-percent of its netrorubber (though post-year recumption of natural rubber world cetter production, 15 purpost of wheat, and 19

the platform propoples espensed by their condidate, and in the writing platform or for the platform in its en-

AVIATION NEWS & James v 1 1965

united Burely, upon such areas of agreement there may any hope of victory. What then were these agreed-upon sempricales? The following is an attempt at a fear summary:

2 That America is committed to a responsible vole as a world security system after the way, including a com-3. That America is committed to the post-war goal of

4 That America is committed to the principle of of mangemen and economic resources under a system Three are American manufactor. They can be made the unclass of a sobscort notional volume for they define evelutically arreed. But no one can review that in this propriation. This skeleton of sixes must be clothed with the lover fiesh of a greed-upon menga. Here we have no clear that it is our compelling task to scharve them.

On our elected representatives in government rests the system of government, these representatives need contangous nourrationest in the form of mandates as to what there's re-torms of the welfore of our nation as a whole, to have dealt with problems that are basic to the healthy tional debt and taxation, with farrows trade and our coment of beginners areas. Since they have been nonsented in the McGrow-Hill publications, which reach a they have centered upon problems that have an economic

tional policy. I see fully sware that no individual or concepts of national interest in crueial economic matters will belp to corpstaline American policy both by focusing

Here there is space only to indicate in broadest outline what I conceive to be desirable foundations for an eco-1. The attacement of a high and surtained level of busi-

2. Arrive and expanding markets for world trade based ween fair connection rather than upon bloc agreements. nations that have been beckward in that respect, 4. A reconstruction that hospitalists to princets, rather than In fact the most potent entrument for international bur-

financial stability as may be needed to support mutually advantageous world exchange of mods and pervious. The fast is that America has no choice but to assume leadership in world affairs. For the weight of our inflaonce sell be felt for other nations no less whether our attitude be positive or negative. And the cost to us of any international oblimings which we might undertake recent in all farmers he wouthed arrest the equally real

to protect themselves against the results of our nonoften eaded to others the instative of suggestion, leaving to examine the thankies task of accepting or retecting other nations, by contrast feeble in potential power, know what they went and are able to mobile all their strength in achieve it.

participation.

only at known what it was to...

rather than a strictly collited amport. Fators addresials, to appear during 1945, will deal with President NeGross-Mill Publishese Co. Ja. THE IS THE HAT OF A SERVER

TRANSPORT

Tentative Articles for World ATA Put Airlines in Control of Body

Preliminary program drawn up in Washington discloses strong design for close coordination with International Civil Aviation Organization for which plans were laid at Chrose-

By MERLIN MICKEL

Tentative articles for a proposed ship in the International Civil The Association, under the by-

to cope with local problems. The

Aviition Organization for which sociation have its head office in concerned probably will not be determined definitely before the raited meeting of the eccanization. Apr. 16. It is a different approach. fature in the industry. Col. Edear

ber would have one vote. Associperiod that individual correspond with no surine to have member-This cuestion of vote probably ship in more than one such an-FAirling Control Favored-Indus-

that ossecrate members be allowed to attend general sessions. Only states would be climble to active scive members, however, would

administration

membership, and other air truck-

by the Executive committee, up- ds Airlines, have been amounted it has been duplosed that TCA plane West Inflan, and South fing of a state eligible to member. | Exceptive Committee...The case. American service after the way

Objectives

laboration among the no transport enterprise engaged

To conserve with the later-

utive committee would have after

the briege Recoveredations

United States with a far-reaching Plan Con Brazil Link

A. L. Duncan, an official of the

1944 Record Year For II S. Airlines Coencios in all departments-

un \$150 million Advance estimates all name that 1944 will prove the competic agr-

operations in all descrimentsservice on Dec 31, 1942, the do-341 planes by the year end, with slightly more than 300 planes in use. With this certained float the

on 1964 then had been servery for 1943 goes revenue for current will scheduled fights during 1944 rec-

of mail pound maleage very some-

Both agree that express pound

every plane operating 11 hours cut of early 24. Pro-year darks h Mail Found Mileney-Satemates

carriers performed a bagger job pared with 31.2 for 1943 and 22 f

cross 1944 respects of more than \$150 million Offer Airline Course

miles may reach 23.5 billion, com- ness mathematics, surine goog

precedented polygrements in plane utilization (appear

railer (lower right) also broke existing records, CAA



of operations. Revenue miles flows (upper left) presists.

Officials of Continental Western D. U. began the courses after querying 13 surface on what status should be offered young

month with announcement by

scoolerated their studies, presum-

UAL Fare Cut Plan May Presage Others

Prosected reduction gives impegas to move for general simbentionen for salienting increased eral fure reduction long under Charrynan I. Walch Donne has re-

peatedly stated along with many down if air timesport is to compete successfully with surface corners. structure may be secomplished during the first few months of Rate Cuts Effected In New REA Tariff

ably propering to follow Uzsted's Tailored to refert revisions in Openion generally is that other 1941 like year our express turiff points on the airluse syriem. Although wartone route and surport old facilities there.

P. Reduction, Plan Studied at Protect has not disclosed actual reduct taken advantage of shorter rout-



Condr. E. J. Burr. headquarters NATS; Col. Harold Harry, chief of

staff, ATC, and Robert B. Eogus, one president, Forus Products Co.

AT SAF CARGO MEETING: This picture takes at the air carpo masting of the Society of Automotive Engineers, at Cheege, shours, left to right, May Wyen Long. Air Francport Command: Harry Puck, this of air carpo development for PCA,

rese established by recent CAR FRate Structure Nat Lowered anestall tents not 100 miles, and general lowering of BEA's rate

express turiffy filed by BEA. A new Civil Accusautics Board is gen- places the fermer place-name cross

AERONAUTICAL ENGINEERING AND MASTER AVIATION MECHANIC Idlewild in Dispute On Terminal Building multiple station plan over single large unit serving all lines, singhe compovers going under

axts has arisen over the question -one for each airline Controveray over the sume thing is begintime nears to plan puriscenses of Arrant maramments, becked

way in Chicago

vener. The management of La terd to favor multiple stations at proper all large terminals. As speed in

time and annovances. The blance

From the mile or horses of popular GRAND CENTRAL AIR TERMINAL

TECHNICAL &

A DISTINGUISHED NEW NAME FOR A DISTINGUISHED OLD SCHO



complete set of rules and regulartions covering technical phases of

AVIATION CAREER

Created during the war, the name "Cal-Actor" has became would factors, in the field of printion training, as not of the original rand schools that proved so convended in the Crisi-Actor ever before on its own Clear IV signes, Great General Air Tennical, Custable for the largest awards now in one or

in the West to be selected by the Astroy Air Forces to cash around crow members. With short schools, both under the persoul repression of Mojor C. C. Mouley, is was but natural in plantage. Its the post-way negod, the they should come under the theory and the control of "Cal-Acro."

House of "Cal-Acro."

House of the control of decomposited crew encoders. Among them more than

CAL- A ACRO

ON MEST ALONE Cul Acres Technilogical with an idler of ten-

Other than in many, there is no change in the school-same management—come incurse—come president come fine spesion. Flight Training is restricted to Army Air Force cudets for Plus NOW for your FUTURE CARREST in the extendent field for commone. With more numbered sixtures observes and faelittes eleved for the remover period, there will be mass the cole with a through foundation of technical training.

positions of grant and purposedulity in all phases of the Aviation laderers. When this school has done for them it can do for you. Today, as in the past, we are staining fur-sighted, consciences young men from many mans and foreign con-consciences young men from many mans and foreign com-ress, denote the difficulties of northern trend. Among them are touchier tilers in the Golden Ave of Assetue, who have stiwrite open mill coupen TODAY for full information about the prosthelides of a pour-way Aviation Carses.

NAIL TODAY . DON'T DELAY RESONAUTORIA PRODUCTIONA CREMIN SPECIALISES ENGINE COSPAS SPECIALISES SIEPLATE COTASE POR ENVOIR NORMITON DERROAD COMM

1230 AIRWAY, GLENDALE 1, CALIFORNIA landareaker, a very metal inven-

HAL and C & S Win Aviation Awards

United Air Lines and Chlesco manatenance and development operating more than 19 million Both lines uchieved new high records in revenue miles operated Darled operated a record 27,-

than seven mechanical delays per \$15,270 reverse sules. Mainte-1942 feure of \$% heers Officials b New Records (Chrosen and South-

Chicago Air Plan the sunken Illuson Central londing strip. The finished

100,000 miles to complete 25 per- name performance resulted in runtum CAS's utilization figure one the first months of the year to a record high of 13.45 Leslie Neville, editor of Ameter, managing office, to CAS at



"Aviation" Award For Airline Maintenance: T. D. Brooks, repermtendent of contributes of Cheespo and Southern Air Lines, received one and Brook Brook microrrecutest in charge of quentions. This count uses for autimes operating up to 16,000,600 value a year. The to United Aw Lines by L. E. Neville, editor of Aviation, at Change

ATC Starts Transit Of Civil Passengers

per plane mile charge over the root of destruction Where comtiled ATC farm will be at least

b Limited Bases-ATC passage will normed, and will be available only to those who are on business tion of economic or other enterprises disrupted by the war and whose reestablishment is re-

At year's end, elebt U. S. alrto the Air Transport Command and the Naval Air Transport Service. Most recent addition to AVC's seame mile coute system is an

Civil Air Lines

To Use Baer Field

surport are breaking up under the weight of suringry. The city altemperary air terminal building. senting mores and an office for Robert T. Schott, the city's director

Produce Business Big Post-War Prize

Field-reposed form produce in the strikes will cornecte avenue

stitute for refrigeration. Another

h Foot-Rail Schodules-The arefreeht traces which can deliver faster than they carried passen-

puternil, on trunk lines, slow, highof 4-corned high-meed coupment. Expects are begreener to lines in the early future, against

FAA Membership Up Feeder Airlines Association officisls are enlicipating a member-An executive committee most-

dustrial members are expected to Harry R Stringer, president: Wil-



recest meeting to over cores traffic annel complements with present on

sircreft and economent Industry Automatic Landings

DC-3 into Service

First Passengers

he U S. under terms of the

aviation insurance, oil compenses. By Radar Predicted Enoughy developing radar eventually will supplement and pos-

CAL Puts Converted The rlide path and localizer ava-

FSeek Standard Practice-Whatand radar eventually are used, the out. The present practice of using 21-passenger Douglas ships into a special procedure for overcast

> and to achieved, polote will use if Present raday equipment in capable of properting on a screen

UAL Mockup Aims At Space Revision

Ugsted Air Loses has constructtions of the DC-6 and DC-6 to

range for baggage and cargo loading in source under the passenger deck of the DC-4 Dimension of this comportment make difficult

Thomas B Wilson, charmon of TWA's board, got back into his other day to receive an Oak Leaf nosuble. Some of the variables of Claster to the Legion of Merit from Lurat Gen Brekon Somerpell (left). Somervell commands Army by the manufacturers, while others Service Forces, Wilson was conthemselves United as using some



Enring data for South Adjusted Proposed from Nov. 1. (Seeded

Print I continued the continued of the continued to the c



on TAYLORCRAFT

1766/-SENSENION

Adjust to Curvin Musickel Short Carechy

Bailey Letter Studied For Air Policy Hipr

Sensor's mad on limited comship variously increment.

letter on our policy by Sepator

Wrate Limited Connection-In-Dultking the principle of mopanies and resireeds should be du-

I On the Other Hand-With a cut

create one great company," not, But he feels such a company

"We must have in sery view." proposeding from the government steelf and operating in the interest

AVIATION NEWS . Junuary 1, 1940

the field at home or obvioud neaerally, lest results "tend to de-

The statement closes with the thinking" The "whole problem, and he intends to deal with it to doing the best thint'

Study Urges States Share Airline Taxes

tuces on serlines' green receipts, net meetic, capital stock and intampble assets has been advocated in a preliminary report of a spe-

after a year's operation.

15.9 percent in October.

The Association, appointed to aften of air carriers Alternative cation proposed by the cornection The group franced taxation of

flight equipment divided among Extension Granted-National Tax visery taxation committee under

SHORT LINES

Pan American's map and time totransport is being shown in large descriptions of the probability part, reporter after considerable cities on its renter. NWA has here PCA's operation of a Neval Air

Carrier Participation in Air Trans-portstann," by Dr. William L. Gross-man of New York University. He vember, over the seme meeth a National Airlines' system load for-

thug 2,000 a day, of which 29,004 II S Purker, Jr., Vice President was outgoing. The Division also reated 4.000.27% revenue unmender-5.449.104 revenue percenter-crates. Army-Navy "E" in recognition of last year Former was 170,412,600, latter 7,526,726 Passengers inNon-Slip Floor Mats SECTION AND ADDRESS OF THE PARTY ADDRESS OF THE STATE OF THE PERSON OF THE REAL PROPERTY AND THE PERSON OF THE PERSON OF

ATT WHERE LAND, ASSOCIATE CHIEF Day and All Spreadow or MELPLEX Seeper)



earned this title in the test of many hottles. At Mercury, we are many ports for this great dive bamber.

Caution on Gas Usage

A Assunation Administration serves as another bility in operating under the only self-regulated pasoline rationing system in ground transports-The Louisville director of OPA considered unto interest war industry executive personnel who

FLY TO FLORIDA in a "private plene"leaving at the time you wah-subsect to quick, sale "Myowaplane" service. Phone

A group led by Assastant Secretary of Com-The vast majority of plane owners and operutilizane.

Even if such administration is permitted to reman with CAA, further OPA compliants will furble. This will make regulations more cumbersome and will curtail all fights except those

More Surplus Airliners As IT ESCAND APPARENT last week that at least 78 more surplus transport planes will shortly be The appointments to the Board were obviously

aviation. Meanwhile, the industry attitude is one sysation, and it is hoped that the new board will

of Connecticut has already taken the oath of office, the appointment of the third member. Senator Mason Britton has been acting Surplus War Prop-The latest allocations, which may include the

Noteworthy Leadership Avantor transm unanimously are calling for I. Martin, who has made substantial contributions namelie the Glenn L. Mortin College of Engineer-In 1942 he pledand approximately a half million dollars to the Institute of the Arrenautical Sci-Laboratory, named for his mother. In 1960 he eato his Alma Mater, Kaman Weslevan University

help him build and fly his first point in 1908-9. and development, and his lendership in con-







Yankee Ingenuity Goes to War

BORG-WARNER











Equipped with Timken Bearings in its landing wheels, Consolidated Voltee's new post-war four-engined, Eboology of the State of the St

cary twenty-four.

Whether it's a luxury liner or a family-model helicopWhether it's a luxury liner or a family-model helicopter, there are great aircraft advantages in Timken
Bearings that cannot be duplicated. Aircraft engineers
Bearings and thrust loadlighter weight, and maximum radial and thrust loadcarrying capacity of Timken Bearings.

carrying capacity of Timken Description 1 february 1 fe

TIMKEN
TAPERED ROLLER BEARINGS